

# WATERMARK

## SOIL MOISTURE SENSORS





# WATERMARK

## SOIL MOISTURE MANAGEMENT

Over the last four decades, the WATERMARK soil moisture sensor has been the preferred choice of growers, irrigation experts, and researchers alike for providing the most simple, affordable, and reliable measurement of available soil water.

Our WATERMARK soil moisture sensor acts as an artificial root, exchanging water with the surrounding soil as a plant does. This exchange enables measurement of how much effort is required by a plant to extract water that is available from the soil, not just what the moisture percentage may be. Measuring this soil water tension provides reliable data for irrigation scheduling, without requiring complicated calibrations for individual sites and different soils.

- 40 years of accurate and proven measurements
- Requires no site calibration or maintenance
- Buffered for salinity
- Not damaged by fertilizers, pesticides, or freezing
- Durable and reliable for harsh conditions
- Can be read manually, data logged, or used in control systems



### INSTALLATION OPTION



The WATERMARK sensor can be installed on PVC pipe cut for any depth needed.

### MANUAL READING



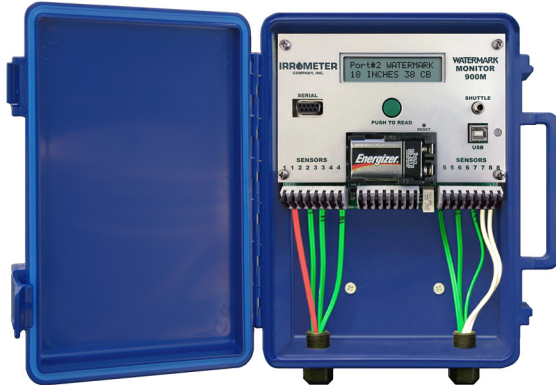
### HAND-HELD METER

- One meter reads all WATERMARK sensors
- Clip-on leads for easy reading
- Digital read-out with self-test function
- Manual temperature compensation
- 9-volt battery lasts an entire year

For more installation options and associated installation tools, please visit [irrometer.com](http://irrometer.com).

## AUTOMATIC READING

### 900M MONITOR



### ACCESSORIES

- WATERMARK sensor
- Rain gauge
- Temperature sensor
- Data shuttle
- Pressure switch
- Cellular gateway

- Automatically reads WATERMARK sensors, temperature sensors, switch closures, and tipping bucket rain gauges
- In-field display of current readings and USB port for downloading data
- User selectable reading frequency
- 8 sensor ports
- Weatherproof enclosure
- 9-volt battery powered
- WaterGraph Software included

## IRROCloud DATA PLATFORM

Adding a cellular gateway to the 900M Monitor enables viewing of **WATERMARK** sensor data in real-time from any mobile or desktop device through our **IRROcloud** data platform. An intuitive dashboard provides device status, maps, and a gauge panel with adjustable thresholds for quick reference, while a full-featured graph and reporting suite supports detailed analysis of soil moisture, rainfall, and irrigation events.





**SIMPLE · AFFORDABLE · RELIABLE**



**IRRØMETER.COM 1425 Palmyrita Ave, Riverside, CA 92507 951.682.9505**

(8/19) #401